(Fungi)

AN ENUMERATION OF THE FUNGI COLLECTED AT KENTANI IN THE CAPE PROVINCE BY MISS ALICE PEGLER, A.L.S., FROM 1911—1914

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EVANS IBP

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AN ENUMERATION OF THE FUNGI COLLECTED AT KENTANI IN THE CAPE PROVINCE BY MISS ALICE PEGLER, A.L.S., FROM 1911—1914

By I. B. POLE EVANS, M.A., B.Sc., F.L.S.,

and AVERIL BOTTOMLEY, B.A.

The fungi enumerated below were collected by Miss Alice Pegler, A.L.S., chiefly in the Kentani district of the Cape Province during the years 1911—1914, and kindly forwarded by her from time to time for identification. A few of these fungi have been described in mycological journals not easily accessible to the general public, but hitherto no attempt has been made to enumerate the fungi of this district, which has now only become possible through Miss Pegler's labours.

The list may be regarded as a fairly representative one of the fungi submitted to us, but naturally does not include a certain amount of material which was immature, or insufficient for identification purposes. It also includes a few fungi which we have not examined. Miss Ethel M. Doidge has kindly undertaken the examination and description of the *Meliolas* included in the list.

Fungi

Meliola arcuata Doidge (*Plectascineae-Aspergillaceae*).

Velutina, maculas minutas, 1—2 mm. diam. irregulariter rotundatas interdum confluentes, atras formans; hyphis ramosis, sinuatis, multo septatis, brunneis, circa 10·5—11 μ crassis, demum anastomosantibus; hyphopodiis capitatis alternantibus 1-septatis, breviter stipitatis, 20—29 μ × 10·5—11 μ, capitulo irregulariter ovoideo, dentato vel lobulato; hyphopodiis mucronatis paucis oppositis, 14—18 × 7—9·5 μ; setis mycelicis simplicibus, copiosis, arcuatis, interdum fere rectis, atris, opacis, apice acuto, impariter crassis, 7—11 μ, longis 295—330 μ; peritheciis intra setas absconditis, atris, 115—150 μ diam.; ascis 2-sporis, mox evanescentibus; sporidiis ellipsoideo-oblongis, utrinque rotundatis, 4-septatis, fuscis, leviter constrictis, 50—54 × 14—16 μ.

On stems of *Viscum* sp., Kentani, 1 June, 1912, and 4 August, 1914. (*Pegler*, 1881 and 1949; *Pole Evans*, 2364 and 8389.)

Meliola Peglerae Doidge.

Epiphylla, sub-crustacea, atra, maculas minutas, orbiculares, 1—3 mm. diam. demum confluendo majores formans; mycelio peritheciigero atro, composito ex hyphis, atro-brunneis, dense septatis, cellulis circa 8—14 × 7—9 μ, ramis anastomosantibus, hyphopodiis capitatis numerosis, alternantibus vel unilateralibus, bicellularibus, breviter stipitatis, ad hyphas appressis; cellula stipitis circa 7 × 4—7 μ; superiore majore, obovoidea, plerumque retorta, 14—18 × 7—11 μ, hyphopodiis mucronatis paucis, oppositis, 14—22 × 7 μ, ampullaceis; setis nullis; peritheciis in plagulis centrum versus confertulis, atris, rugulosis, 126—235 μ diam.; ascis 2—4-sporis evanescentibus; sporidiis oblongatis utrinque rotundatis, 4-septatis, ad septa vix constrictis 29—43 × 18 μ.

On leaves of *Anastrabe integerrima*, Kentani, 4 June, 1912. (*Pegler*, 1883; *Pole Evans*, 2363.)

Epichloe Eragrostis Pole Evans (*Hypocreales-Clavicipiteae*).

Stromatibus inflorescentibus destruentibus, sclerotioideis, subcylindraceo-typhoideis, 3·5—6 cm. longis, 3—4 mm. latis, primo rubicundis conidiophoris, demum nigrificantibus, ostiolis potius prominulis, intus albus; peritheciis ovoideo-elongatis vel ellipsoideis, 300—360 × 120—150 μ; ascis cylindraceis, apice rotundato-tunicatis, circa 60—93 × 3·5—4 μ, octosporis, aparaphysatis; sporidiis filiformibus, ascorum longitudine, circa 1—1·5 μ, crassis, hyalinis, haud septatis.

On haulms of *Eragrostis plana*, Kentani, 29 February, 1912 (*Pegler*, 1855; *Pole Evans*, 2076).

Note.—*Epichloe Cinerea* B. & Br. is described on *Eragrostis nutans* from Ceylon, but the description is far too meagre to be of any value for identification purposes.

Montagnella Peglerae Pole Evans (*Dothideales-Dothideaceae*).

Stromatibus hypophyllis, sparsis vel gregariis hemisphaerico-pulvinatis, atris, circa $\frac{1}{4}$—$\frac{1}{2}$ mm. diam.; peritheciis in stromate superficialibus; ascis clavulatis vel clavato-cylindraceis, basi attenuatis brevissimeque stipitatis sed ad apicem rotundatis et crasse tunicatis, 70—85 × 20—28 μ, octosporis, aparaphysatis; sporidiis plerumque distichis vel saepe etiam tristichis, subfusoidiis, utrinque leniter attenuatis, triseptatis, ad septum medium plerumque constrictis, 27—30 × 6—8 μ, primo hyalino dein olivaceis.

On living plants of *Rapanea melanophleos*, Kentani, 3 April, 1912, and May, 1913. (*Pegler*, 1865 and 1892; *Pole Evans*, 2206 and 6620.)

Puccinia Kentaniensis Pole Evans (*Uredinales-Pucciniaceae*).

Soris teleutosporiferis amphigenis vel petiolicolis nervos saepe sequentibus, maculis exaridis vel irregularibus pallidis insidentibus,

interdum tuberculiformibus, solitariis vel in crustas elongatas confluentibus, durissimis, primo epidermide tectis, dein irregulariter erumpentibus, atro-brunneis; teleutosporis oblongis vel subclavatis, apice rotundatis et non incrassatis vel obtuse attenuatis et incrassatis (usque 6μ), medio leniter constrictis, basi plerumque attenuatis, levibus, brunneis, 30—35 × 15—21μ, pedicello brevi, plerumque 12—15μ longo vel interdum usque 35μ longo, hyalino, caduco.

On living plants of *Toddalia lanceolata*, Kentani, 17 December, 1914. (*Pegler*, 1960; *Pole Evans*, 8793.)

Puccinia Digitariae Pole Evans n. sp.

Soris uredosporiferis plerumque hypophyllis, sparsis vel confluentibus, minutis, rotundatis vel oblongis, pulverulentis, flavidis; uredosporis globosis, subglobosis vel ovatis, echinulatis, dilute brunneis, 21—30 × 18—24μ; soris teleutosporiferis conformibus, obscurioribus, parce adhuc evolutis; teleutosporis ovato-ellipsoideis vel ovatis, apice rotundatis, incrassatis (usque 6μ), medio leniter constrictis, basi attenuatis, levibus, brunneis, 33—39 × 18—21μ; pedicello brevissimo, persistenti, brunneolo.

On leaves of *Digitaria debilis* Willd., Kentani, 5 June, 1912. (*Pegler*, 1879; *Pole Evans*, 2372.)

Ravenelia Peglerae Pole Evans (*Uredinales-Pucciniaceae*).

Soris teleutosporiferis amphigenis vel plerumque petiocolis, irregulariter distributis vel aggregatis, rufo-brunneis; capitulis solitariis vel dense aggregatis, subglobosis vel subhemisphaericis, castaneo-brunneis, levibus, 60—96μ diam., ex 8—9 sporis in omni directione compositis; sporis singulis continuis, ad apicem incrassatis (4—5μ), angulatis 25—30 × 10—14μ; cystidiis eodem numero quo sporis marginalibus, in aqua intumescentibus; pedicello hyalino, brevi, composito, deciduo.

On leaves, petioles and pods of *Acacia eriadenia*, Kentani. 21 May, 1912, and 23 June, 1912. (*Pegler*, 1874 and 1876; *Pole Evans*, 2331 and 2544.)

HYSTERIINEAE.

HYSTERIACEAE.

Hysterostomella tenella, Syd. in Annal. Mycol. x. No. 5, 1912, p. 442.

Stromatibus amphigenis vel caules plus minus ambientibus, effusis, irregularibus, 2—10 mm. longis, tenuissime crustaceis, arcte adnatis, atris, glabris; loculis seu peritheciis numerosis, irregularibus, rimose vel irregulariter dehiscentibus, minutis; ascis primitus subglobosis vel ovatis cum sporadiis conglobatis, dein clavatis cum sporidiis distiche ordinatis, ad apicem valde incrassatis, 45—60 × 16—20μ, octosporis; sporidis ellipsoideo-oblongis, utrinque rotundatis, medio vel circa medium 1-septatis et constrictis, ex hyalino brunneis, 14—17 × 7—8μ.

On stems and branches of *Asparagus* sp., Butterworth, 19. iii. 1912 (Pegler, No. 1866, Pole Evans, Nos. 2240 and 2369); also on phylloclades of *Asparagus striatus*, Thunb., near Despatch, Uitenhage, collected by Ethel M. Doidge, 24. iii. 1914. (Pole Evans, No. 1241 (type).)

Plectascineae.

ASPERGILLACEAE.

Meliola amphitricha, Fr.

On leaves of *Grumilea globosa*, Hochst., Kentani, 29. v. 1912. (Pegler, No. 1875, Pole Evans, No. 2366.)

On leaves of *Gardenia globosa*, Kentani, 1. iv. 1912. (Pegler, No. 1858, Pole Evans, No. 2214.)

On *Olea Pegleri*, Wright, Kentani, 29. viii. 1914. (Pegler, No. 1948, Pole Evans, No. 8382.) Material immature.

Meliola arcuata, Doidge.

On stems of *Viscum* sp., Kentani, 1. vi. 1912 and 4. viii. 1914. (Pegler, Nos. 1881 and 1949, Pole Evans, Nos. 2364 and 8389.)

Meliola Peglerae, Doidge.

On leaves of *Anastrabe integerrima*, Kentani, iv. 6. 1912. (Pegler, No. 1883, Pole Evans, No. 2363.)

Meliola capensis, K. & Cke.

On leaves of *Hippobromus alatus*, Kentani, 7. ix. 1914. (Pegler, No. 1956, Pole Evans, No. 8391.)

On *Hippobromus alatus*, Winkle Spruit, 6. vii. 1912, E. M. Doidge. (Pole Evans, 2499.)

On *H. alatus*, Verulam, 3. vii. 1913, I. B. Pole Evans. (Pole Evans, No. 6805.)

On *H. alatus*, Tongaat, 12. ix. 1913, P. A. van de Bijl. (Pole Evans, No. 6953.)

Meliola ganglifera, Kalch.

On host undetermined, Kentani, 7. x. 1914. (Pegler, No. 1953, Pole Evans, No. 8392.)

Meliola sp.

On *Trichilia* sp., Kentani, 16. ii. 1914. (Pegler, No. 1971, Pole Evans, No. 8786.)

Perisporiales.

ERYSIBACEAE.

Erysibe cichoracearum, DC.

On leaves of *Cucurbita Pepo*, Kentani, 5. iii. 1913. (Pegler, No. 1911, Pole Evans, No. 6581.)

Phyllactinia corylea (Pers.), Karst.

On leaves of *Tropaeolum* sp., Kentani, 14. ii. 1913. (Pegler, No. 1910, Pole Evans, No. 5668.) Only conidial stage seen.

PERISPORIACEAE.

Capnodium sp.

On leaves of *Royena* sp., Komgha, 4. iii. 1912. (Pegler, No. 1894, Pole Evans, No. 2192.) Material immature.

Apiosporium sp.

On leaves of *Celastrus* sp., Butterworth, 19. iii. 1912. (Pole Evans, No. 2188.) Material immature.

Asterina sp.

On *Tricalysia* sp., Kentani, 16. xii. 1914. (Pegler, No. 1970, Pole Evans, No. 8787.)

Epichloe Eragrostis, Pole Evans.

On haulms of *Eragrostis plana*, Kentani, 29. ii. 1912. (Pegler. No. 1855, Pole Evans, No. 2076.)

Claviceps sp.

On *Panicum maximum*, Kentani, 13. v. 1913. Butterworth, 27. iv. 1914 (Pegler, Nos. 1980 and 1931, Pole Evans, Nos. 6920 and 7740.)

On *Digitaria ternata*, Butterworth, 27. iv. 1914. (Pegler, No. 1979, Pole Evans, No. 7741.) Ascigerous stage not seen.

Montagnella Peglerae, Pole Evans.

On living plants of *Rapanea melanophleos*, Kentani, 3. iv. 1912 and v. 1913. (Pegler, Nos. 1865 and 1892, Pole Evans, Nos. 2206 and 6620.)

Asterodothis solaris (Kalch. & Cke.), Th., Ann. Mycol. x. (1912), p. 179.

On living plants of *Gymnosporia* sp., Kentani, 20. vii. 1912. (Pegler, No. 1902, Pole Evans, No. 2533.)

This fungus was originally described as *Asterina solaris*, Kalch. & Cke., Grev. IX. (1880), p. 33.

On living leaves of *Olea verrucosa*.

Oligostroma Proteae, Syd., in Ann. Mycol. XII. No. 3, 1914, p. 265.

Stromate amphigeno, plagulas atras irregulares subinde confluentes 1—5 mm. longas planiusculas efficiente, in epidermide sito, atro; loculis peritheciiformibus solitarie sub-epidermide sitis, omnino immersis, sed haud folium penetrantibus, globosis vel ovato-globosis, 100—120 μ diam., pariete bene evoluto, ostiolo haud typico; ascis sessilibus, cylindraceo-clavatis, vel clavatis, apice rotundatis, 75—100 × 16—20 μ, aparaphysatis, 4—6-sporis; sporidiis oblique monostichis usque distichis, oblongo-cuneatis, supra medium 1-septatis, non constrictis, totis 24—28 μ longis, loculo superiore breviore sed latiore rotundato vel ovato 8—10 μ longo, 8—9 μ lato, inferiore longiore sed angustiore 15—19 × 6—8 μ, hyalinis vel subhyalinis.

On leaves of *Protea Flanaganii*, Kentani, 17. vii. 1912. (Pegler, No. 1899, Pole Evans, No. 5163.)

A new genus of the Phyllachoraceae showing affinities with *Phyllachora*, but chiefly in its septate spores.

Phyllachora sp.

On leaves of *Erianthus* and *Andropogon*, Kentani, 13. v. 1914. (Pegler, No. 1940, Pole Evans, No. 8348.)

Sphaeriales.

CORYNELIACEAE.

Corynelia clavata (L.), Sacc.

On living leaves of *Podocarpus* sp., Kentani, 25. vi. 1913. (Pegler, No. 1917, Pole Evans, No. 6900.)

Corynelia carpophila, Syd.

On fruits of *Rapanea melanophleos*, Kentani, 5. x. 1912. (Pegler, No. 1861, Pole Evans, No. 5617.)

XYLARIACEAE.

Xylaria hypoxylon (Linn.), Grev.

On rotten wood under *Acacia horrida*, Kentani, 20. x. 1906. (Pegler, No. 1372, Pole Evans, No. 8420.)

Basidiomycetes.

USTILAGINEAE.

Ustilago Peglerae Búbak & Sydow in Annal. Mycol. XII. No. 3, 1914, p. 264.

Soris olivaceo-nigris, antheras destruentibus; sporis ellipsoideis, oblongis vel irregularibus, rarius subglobosis vel ovoideis, $9\frac{1}{2}$—18×7—$9\frac{1}{2}\mu$, verruculosis, chlorino-brunneis.

On anthers of *Ornithogalum lacteum*, Kentani, 12. xi. 1913. (Pegler, No. 1921, Pole Evans, No. 7101.)

Also on anthers of *Eucomis punctata*, Kentani, 12. xii. 1911, and 14. xii. 1914. (Pegler, No. 1852, Pole Evans, Nos. 2001 and 8795.)

Ustilago olivacea (DC.), Tul.

In ovaries of *Carex Phacota*, Kentani, 17. xii. 1914. (Pegler, No. 1972, Pole Evans, No. 8812.)

Sorosporium reilianum (Kuhn), McAlp.

On *Zea Mays*, Kentani, 20. ii. 1912. (Pegler, No. 1853.) Specimens not recorded by us.

Uredinales.

Endophyllaceae.

Endophyllum elegans (Diet.), Pole Evans. Dietel in Hedwigia, xxviii. (1889), p. 180.

Pycnidiis epiphyllis, melleis, minutis congregatis circa 180μ diam.; soris hypophyllis, petiolicolis vel fructicolis, maculis flavis, leviter elevatis, pseudoperidiis cylindraceis usque 1 mm. elongatis, albidis, margine irregulariter lacerato; cellulis pseudoperidii polygonis, margine striato; teleutosporis catenulatis, polyhedricis, 25—34 × 27μ, aurantiacis, episporio 3—9μ crasso, hyalino, verrucoso.

On leaves, petioles and fruits of *Rhamnus prinoides*, Kentani, 4. iii. 1912. (Pegler, No. 1849, Pole Evans, Nos. 379, 1772 and 2097.)

This fungus was first submitted to us from Haenertsburg in the Northern Transvaal on 24. vi. 1907 and on germinating the spores it was found that they were typical of *Endophyllum*, hence its transference to this genus.

Miss Pegler has been good enough to supply us with large quantities of fresh material of this fungus from time to time for detailed investigation of its life-history.

Melampsoraceae.

Pucciniastrum Agrimoniae (D.C.) Diet.

On living leaves of *Agrimonia Eupatoria*, Kentani, 12. iv. 1912. (Pegler, No. 1889, Pole Evans, No. 2353.)

Pucciniaceae.

Uromyces Bidentis Lagh.

On leaves of *Bidens pilosa*, Kentani, May 1914. (Pegler, No. 1936, Pole Evans, No. 7769.)

Uromyces Hyperici-frondosi (Schw.), Arth.

On leaves of *Hypericum natalense*, Kentani, 7. xi. 1914. (Pegler, No. 1961, Pole Evans, No. 8791.)

Uromyces Dolicholi, Arth.

On leaves of *Rhynchosia Harmssiana*, Kentani, 18. vi. 1914. (Pegler, No. 1941, Pole Evans, No. 7811.)

Uromyces Fabae (Pers.), de Bary.

On leaves of *Vicia Faba*, Butterworth, 14. vii. 1914. (Pegler, No. 1943, Pole Evans, No. 8347.)

Uromyces appendiculatus (Pers.), Link.

On leaves of *Phaseolus vulgaris*, Kentani, 1. v. 1914. (Pegler, No. 1932, Pole Evans, No. 7769).

Uromyces Eckloni Búbak.

On leaves of *Freesia* sp., Komgha, 24. viii. 1912. (Pegler, No. 1898, Pole Evans, No. 5129.)

Uromyces Gladioli, P. Henn.

On leaves of *Gladiolus maculatus*, Kentani, 31. x. 1914. (Pegler, No. 1958, Pole Evans, No. 8412.)

Uromyces Sparaxidis Syd.

On leaves of *Dierama pulcherrima*, Kentani, 21. v. 1913. (Pegler, No. 1914, Pole Evans, No. 6677.)

Uromyces Peglerae, Pole Evans, in Annal. Mycol. XII. (1913), No. 3, p. 263.

Soris uredosporiferis amphigenis, plerumque hypophyllis, sparsis, rotundatis vel ellipticis, minutis, $\frac{1}{2}$—$\frac{3}{4}$ mm. diam., diu epidermide tectis, flavis vel flavo-ferrugineis; uredosporis globosis vel subglobosis, flavis, tenuiter echinulatis, 20—25 × 19—24 μ, episporio $1\frac{1}{2}$—2 μ crasso, poris germinationis 4—6 sparsis instructis; soris teleutosporiferis conformibus, sed atris, diu vel semper epidermide plumbea tectis; teleutosporis variabilibus, saepe angulatis, subglobosis, ovatis vel piriformibus, ad apicem plerumque truncatis vel rotundatis, modice incrassatis (usque 5 μ), basi attenuatis, levibus, flavo-brunneis, ad apicem castaneo-brunneis, 24—30 × 15—20 μ; pedicello brevi usque 25 μ longo, subhyalino vel superne leniter colorato.

On leaves of *Digitaria ternata*, Kentani, 30. iv. 1914. (Pegler, No. 1928, Pole Evans, No. 7755.)

Uromyces mimusops, Cke.

On *Mimusops caffra*, Kentani, 29. xii. 1912. (Pegler, No. 1908.) Specimens not recorded by us.

Puccinia africana Cke.

On leaves of *Spilanthes Acmella*, Kentani, 19. xii. 1913. (Pegler, No. 1922, Pole Evans, No. 7088.)

Puccinia Leucadis, Syd.

On leaves of *Leucas martinicensis*, Kentani, 18. vi. 1914. (Pegler, No. 1942, Pole Evans, No. 7810.)

Puccinia Plectranthi, Thuem.

On leaves of *Plectranthus laxiflorus*, Kentani, 8. v. 1914. (Pegler, No. 1937, Pole Evans, No. 7726.)

Puccinia Lindaviana, P. Henn.

On leaves of *Strychnos* sp., Kentani, 7. x. 1914. (Pegler, No. 1951, Pole Evans, No. 8394.)

Puccinia kentaniensis, Pole Evans.

On living plants of *Toddalia lanceolata*, Kentani, 17. xii. 1914. (Pegler, No. 1960, Pole Evans, No. 8793.)

Puccinia Pelargonii (Thuem.), Syd.

On leaves of *Pelargonium* sp., Kentani, 12. viii. 1914 and 7. ix. 1914. (Pegler, No. 1946, Pole Evans, Nos. 8349 and 8380.)

Puccinia Malvacearum, Mont.

On leaves of *Malva parviflora*, Kentani, 12. xii. 1911. (Pegler, No. 1851, Pole Evans, No. 2000.)

Puccinia pulvinata, Massee.

On leaves and fruits of *Osyridocarpus natalensis*, Kentani, 12. vi. 1914. (Pegler, No. 1945, Pole Evans, No. 8351.)

Puccinia Digitariae, Pole Evans.

On leaves of *Digitaria debilis*, Willd., Kentani, 5. vi. 1912. (Pegler, No. 1879, Pole Evans, No. 2372.)

Puccinia Maydis, Bereng.

On leaves of *Zea Mays*, Kentani, 23. ii. 1912. (Pegler, No. 1854, Pole Evans, No. 2138.)

Puccinia Pruni-spinosae, Pers.

On leaves of *Prunus persica*, Kentani, 21. v. 1912. (Pegler, No. 1873.) Specimens not recorded by us.

Haemaspora longissima (Thuem.), Korn.

On living plants of *Rubus pinnatus* and *R. rigidus*, Kentani and Komgha, 12. vi. 1912 and 9. vii. 1912. (Pegler, Nos. 1887, 1888, and 1897, Pole Evans, Nos. 2350 and 5161.)

Ravenelia inornata (Kalch.), Diet.

On leaves of *Acacia* Karroo, Kentani, 3. vi. 1912, 23. vii. 1912. (Pegler, Nos. 1877 and 1878, Pole Evans, Nos. 2368 and 2541.)

Ravenelia ornamentalis (Kalch.), Diet.

Aecidia on flower buds of *Acacia* Karroo and deforming them, forming large globular galls 2—3 cm. diam., Kentani, 16. i. 1914. (Pegler, No. 1794, Pole Evans, No. 7367.)

Ravenelia Peglerae, Pole Evans.

On leaves, petioles and pods of *Acacia eriadenia*, Kentani, 21. v. 1912 and 23. vi. 1912. (Pegler, Nos. 1874 and 1876, Pole Evans, Nos. 2331 and 2544.)

Ravenelia glabra, Kalch. & Cke.

On leaves of *Calpurnia sylvatica*, Kentani, 1. v. 1912. (Pegler, No. 1870, Pole Evans, No. 2320.)

Aecidium Cookeanum, De Toni.

On leaves of *Loranthus Regii*, Kentani, 12. xii. 1911. (Pegler, No. 1850, Pole Evans, No. 1999.)

Aecidium osyridocarpi, Massee.

On leaves and fruits of *Osyridocarpus natalensis*, Kentani, 12. viii. 1914. (Pegler, No. 1944, Pole Evans, No. 8350.) Most probably aecidial stage of *Puccinia pulvinata*, Mass.

Caeoma Clematidis, Thuem.

On leaves of *Clematis brachiata*, Kentani, 6. vi. 1912. (Pegler, No. 1884, Pole Evans, No. 2359.)

Uredo Cypericola, P. Henn.

On leaves of *Cyperus distans*, Kentani, 11. ii. 1914. (Pegler, No. 1926, Pole Evans, Nos. 7403 and 7744.)

Tremellaceae.

Hirneola polytricha, Mont.

On *Melia Azedarach* stump, Kentani, 15. ii. 1907. (Pegler, No. 1424, Pole Evans, No. 8755.)

Hirneola Auriculae-Judae (L.), Berk.

Kentani. (Pegler, No. 766.) Specimens not seen, and Miss Pegler informs us that they were destroyed.

Hymenomycetineae.

Thelephoraceae.

Stereum membranaceum, Fr.

On decayed wood, Kentani, 22. vii. 1905. (Pegler, No. 1234, Pole Evans, No. 8414.)

Stereum hirsutum, Pers.

On bark, Kentani, 1907. (Pegler, No. 1449, Pole Evans, No. 8756.)

Polyporeae.

Polystictus sanguineus (L.), Mey.

On decayed wood, Kentani, 12. viii. 1905. (Pegler, No. 1239, Pole Evans, No. 8416.)

Favolus multiplex, Lev.

On decayed wood, Kentani, 5. x. 1905. (Pegler, No. 1271, Pole Evans, No. 8417.)

Agaricaceae.

Cantharelleae.

Cantharellus sp.

In tufts on decayed wood, Kentani, 12. viii. 1905. (Pegler, No. 1235, Pole Evans, No. 8415.) Specimen in too bad a state of preservation to admit of specific determination.

Cantharellus sp.

Growing at roots of *Erianthus* sp., Kentani, 21. x. 1906. (Pegler, No. 1371, Pole Evans, No. 8419.)

Coprineae.

Coprinus stercorarius, Fr.

On manure, Kentani, 14. xii. 1914. (Pegler, No. 1965, Pole Evans, No. 8839.)

Coprinus sp.

On manure, Kentani, 9. xii. 1914. (Pegler, No. 1963, Pole Evans, No. 8837.)

Coprinus sp.

On manure, Kentani, 14. xii. 1914. (Pegler, No. 1964, Pole Evans, No. 8838.)

Phallineae.

Clatheraceae.

Kalchbrennera Tuckii (Kalch. & MacOwan), Berk.

Along footpath, Kentani, 9. ii. 1907. (Pegler, No. 1423, Pole Evans, No. 8848.)

Lycoperdineae.

Lycoperdaceae.

Geaster saccatus, Fr.

On soil under *Solanum aculeastrum*, Kentani, 9. x. 1906. (Pegler, No. 1370, Pole Evans, No. 8418.)

Geaster minimus, Schwein.

On veld, Kentani, 1. x. 1906. (Pegler, No. 1425.) Specimens not seen by us.

Plectobasidiineae.

Tulostomataceae.

Tulostoma mammosum (Micheli), Pers.

Kentani. (Pegler, No. 753.) Specimens not seen by us.

Hyphomycetes.

Dematiaceae.

Helminthosporium crustaceum, P. Henn.

On ovaries of *Sporobolus fimbriatus*, Kentani, 14. v. 1913. (Pegler, No. 1916, Pole Evans, No. 6667.)

Macrosporium violae, Polacci.

On leaves of *Viola odorata*, Kentani, 21. vii. 1912. (Pegler, No. 1906, Pole Evans, No. 6572.)

Hyalodema Evansii, Magn.

On fruits of *Zizyphus mucronata*, Kentani, 14. xii. 14. (Pegler, No. 1966, Pole Evans, No. 8789.)

Isaria Psychididae, Pole Evans.

On *Chaliodes Junodi*, Kentani, 10. ix. 1913. (Pegler, No. 1919.) Specimens not recorded by us.

TUBERCULARIACEAE.

Fusarium heterosporium, Nees.

In ovaries of *Panicum maximum*, Kentani, 10. iv. 1913, Butterworth, 27. iv. 1914, and in ovaries of *Digitaria ternata*, Kentani, 27. v. 1913, Butterworth, 27. iv. 1914. (Pegler, No. 1915, 1930, Pole Evans, Nos. 6649, 6919, 6666 and 7743.)

Cerebella Cynodontis, Syd.

In ovaries of *Cynodon dactylon*, Kentani, 9. iii. 1912. (Pegler, No. 1857, Pole Evans, No. 2189.)

Cerebella Panici, Tracy & Earle.

In ovaries of *Panicum maximum*, Kentani, 10. v. 1913, Butterworth, 27. iv. 1914, and in ovaries of *Digitaria ternata*, Butterworth, 27. iv. 1914. (Pegler, No. 1929, Pole Evans, Nos. 6648, 7739 and 7742.)

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